

THEISS, Ede

"Structural interdependence and economic development; proceedings  
of an international conference on input-output techniques",  
edited by T. Barna, W.I. Abraham. Reviewed by Ede Theiss.  
Stat szemle 41 no.7:769-770 Jl '63.

THEISS, Ede

"The investment decision; an empirical study" by J.R. Meyer  
and E. Kuh. Reviewed by Edo Theiss. Stat szemle 38 no.4:446-448  
Ap '60.

THEISS, Ede

"A study in the theory of investment" by T. Haavelmo.  
Reviewed by Ede Theiss. Stat szemle 41 no.1:99-101 Ja '63.

THEISS, Ede

"*A priori information and time series analysis: essays in economic theory and measurement*" by F.M.Fisher. Reviewed by Ede Theiss. Stat szemle 42 no.1:94-95 Ja'64.

THEISS, Ede, dr., nyugalmazott egyetemi tanár

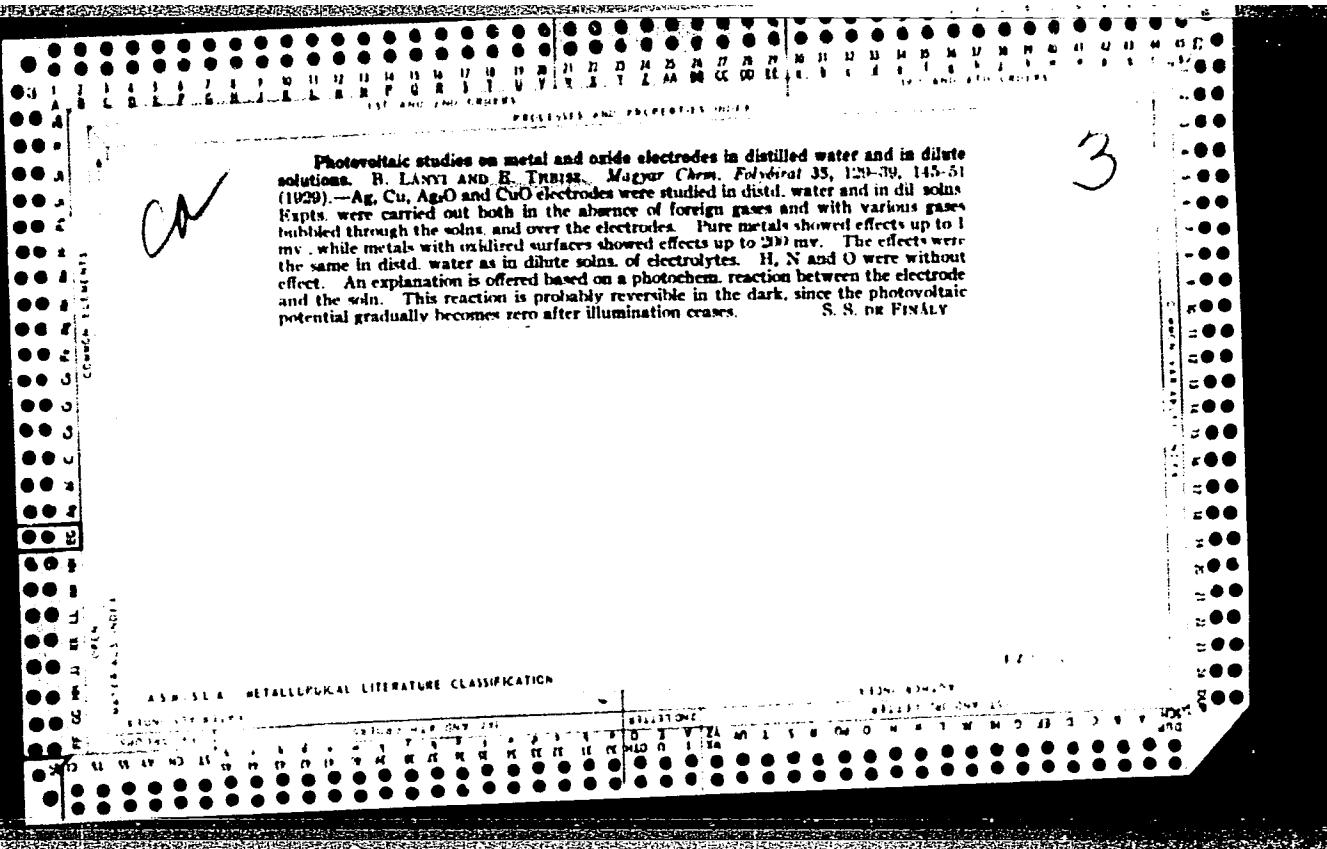
Basic principles and more important applications of the  
statistical decision theory. Stat szemle 42 no.10:997-1017  
O '64.

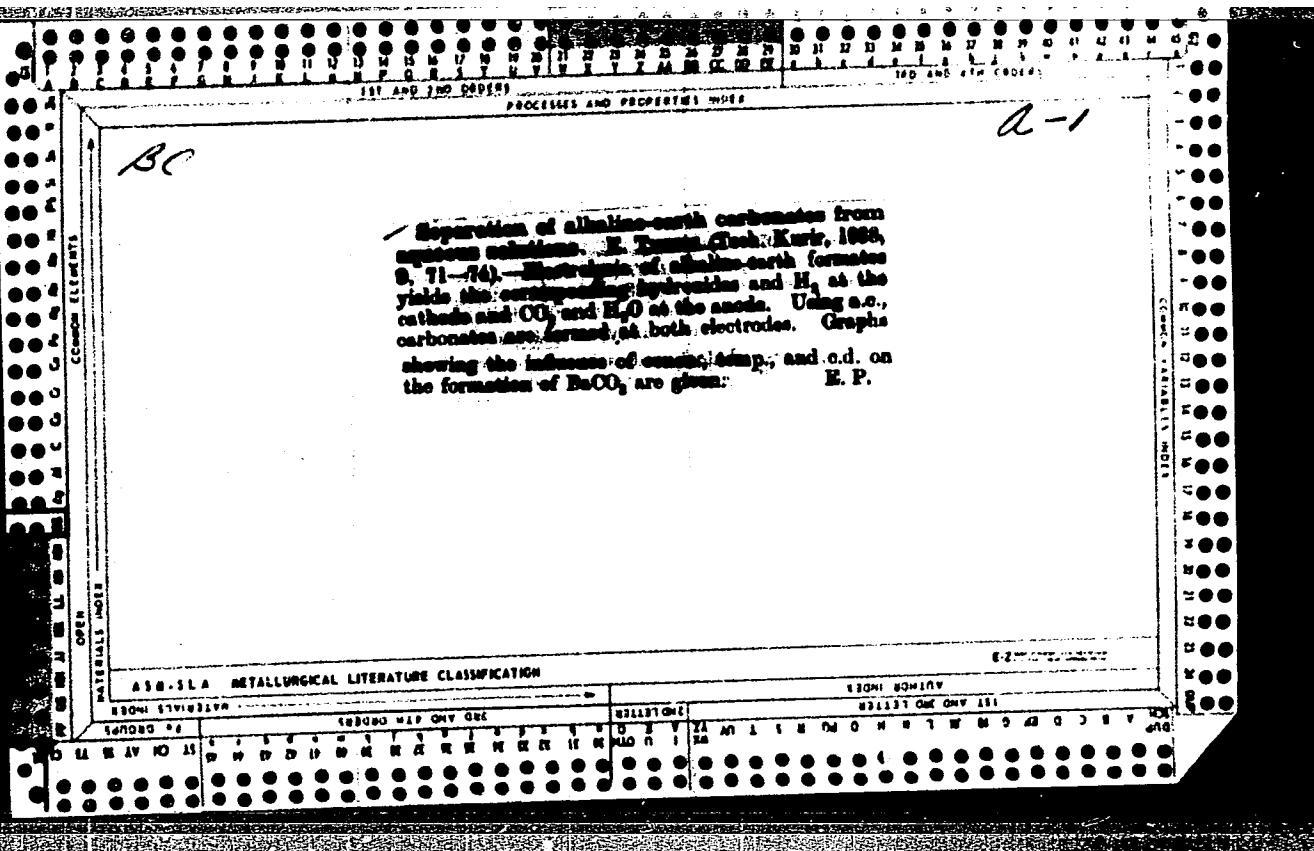
THEISS, F. (Bucuresti)

Some data on the nesting of the Emberiza hortulana L. Natura  
Biologie 16 no. 1: 80-83 Ja-F '64.

THEISS, F. (Bucuresti)

Dynamics of the population and migration of small rodents.  
Natura Biologie 14 no.2:56-60 Mr-Ap '62.





1/ ✓  
Process and products  
Electrolytic precipitation of alkaline earth carbonates from aqueous solutions - Ivan Ullman, Technische Akademie, 9, 71-4 (1958). In the electrolysis of alk. earth formate solns, CO<sub>2</sub> is produced at the anode and simultaneously alk. earth hydroxides are formed at the cathode. In a.c. electrolysis these products appear alternately at both electrodes. The hydroxide formed in one half cycle is converted in the next half cycle to carbonate by the CO<sub>2</sub> freed from the same electrode as anode. Chiefly 50-cycles, a.c. was used with Ni electrodes of 1 sq. cm. surface under 0.1-3 amp./sq. cm. The optimal concns. of the solns vary according to the temp. and nature of the salts. The carbonate layer adheres well to the electrode surface if the electrolysis is not too long. The practical details of pptg. BaCO<sub>3</sub>, SrCO<sub>3</sub> and CaCO<sub>3</sub> and their mixts. are described and the yields given. Besides Ni also Au, Pt or Pt-Ir alloys can be used as electrodes. No carbonate pptn. was obtained on Cu, W or Mo electrodes owing to rapid oxidation of soln. of these metals. S. S. de Finay

## ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

STANDARD REFERENCE

STANDARD REFERENCE

SERIES REF. ONLY CAT.

FIRESCU, D.; THEILER, G.

Some problems of statistical inference relating to the homogeneous,  
finite, simple, Markov chains. Studii cerc mat 17 no.1:3-17  
'65.

1. Center of Mathematical Statistics of the Rumanian Academy,  
47 M.Eminescu St., Bucharest. Submitted June 15, 1964.

THEILER, G.

Two ergodic theorems on chains with complete, stationary connections,  
of the second multiplicity order, with a finite number of stages.  
Studii cerc mat 14 no.4:587-598 '63.

THIEME, Theobald, tanar

Prefabrication and laying of track panels. Kozl tud sz 13  
no.10:436-442 0 '63.

1. Drezdai List Frigyes Kozlekedesi Foiskola.

THEN, Gyorgy, okleveles geopázmernök

Practice of dimensioning steam conduits in power plants. Energia  
es atom 18 no.2/3:64-80 F-Mr '65.

1. Power Plant and Network Designing Enterprise, Budapest.

THEN, Gyorgy, okleveles gépeszmérnök

Utilization of steam generated while boilers with natural circulation are put into operation. Energia es atom 16 no.5: 193-204 My '63.

1. Eromu Tervezo Iroda.

THEODORESCU, Ana

On functions of multidimensional repartition. Gaz mat fiz  
69 no. 7:250-253 J1 '64.

THEODOR, Andrei D.

Polybutadiene epoxy resins. Polimery tworzące wielk. 8 no. 3:97-  
102 Mr '63.

1. Instytut Badawczy Technologii Nafty Petrochim, Ploiest.

THEODORESCU, Ana, prof. inv. mediu, (Bucuresti)

Some properties of the triangle. Gaz mat fiz 14 no.4:182-183  
Ap '62.

PAUNESCU,C.; IOAN, Al.; MIHAIL, A.; THEODORESCU,B.

Clinical considerations on 60 cases of acquired tricuspid lesions. Stud. cercet. med. intern. 4 no.6:755-780 '63.

\*

PAUNESCU, C., prof. POPA, Florin, dr.; PETRESCU, Xenia, dr.; STOICA, I., dr.  
THEODORESCU, B., prof.

Indications of the effort test. Med. intern. (Bucur.) 16 no.6:  
677-684 Je'64

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea"  
(director: prof. C.Paunescu).

RUMAIIA

THEODORESCU-CONSTANTA, Dev., MD.

Bucharest, Viata Medicala, No 15, 1 Aug 63, pp 1055-1058

"Remarks on the Prophylaxis and the Economic and Social Aspect  
of the Hydatid Disease."

4

THEILER, G.; THEODORESCU, R.

"Some techniques of operational research" by B.T.Houlden. Reviewed by G.Theiler, R.Theodorescu. Rev math Roum 10 no.1:91-92 '65.

"Renewal theory" by D.R.Cox. Reviewed by G. Theiler, R. Theodorescu. Ibid.:99-100

THEODORESCU, R.

A colloquium of mathematical statistical applications in  
industry. Gaz mat fiz 70 no.1:28-29 Ja '64 [i.e. '65].

THEODORESCU, R.

"M-thematics applied to statistics" by G.Mihoc, V.Urseanu.  
Reviewed by R.Theodorescu. Studii cerc mat 15 no. 1:141-143  
'64.

THEODORESCU, R.

"Stochastic processes" by Emanuel Parzen. Reviewed by  
R. Theodorescu. Rev math Roum 9 no.2:195-196 '64.

"Random processes" by Murray Rosenblatt. Reviewed by R.  
Theodorescu. Rev math Roum 9 no.2:196-197 '64.

IOSIFESCU, M.; THEODORESCU, R.

Statistical decisions and linear programming. Doklady BAN 17  
no.3:223-226 '64.

1. Submitted by Corresponding Member B.Petkantschin [Petkanchin, B.].

BEREANU, B.; THEODORESCU, R.

"Mathematical methods in the social sciences, 1959" by Kenneth J. Arrow,  
Samuel Karlin, Patrik Suppes. Reviewed by B.Bereanu, R.Theodorescu. Rev  
math pures 8 no.4:708-712 '63.

CIUCU, G.; IVANESCU, P.; THEODORESCU, R.

Application of mathematics in economy. Gaz mat fiz 15 no.9:  
500-502 S '63.

IOSIFESCU, M.; THEODORESCU, R.

Stochastical aspects of linear programming. Probleme econ  
15 no.8:125-133 Ag '62.

IOSIFESCU, M.; THEODORESCU, R.

What is the gambling theory? Gaz mat B 14 no.2:65-80 F '63.

IOSIFESCU, M.; THEODORESCU, R.

Elements of the information theory. Gaz mat B 13 no.4:193-202  
Ap '62.

IOSIFESCU, M.; THEODORESCU, R.

Probabilities. Gaz mat B 13 no.3:129-140 Mr '62.

IOSIFESCU, M.; THEODORESCU, R.

Stochastic linear programming. Comunicarile AR 12 no.3:  
299-302 Mr '62.

1. Comunicare prezentata de G. Mihoc, membru corespondent al  
Academiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

Chains with complete connections. II. Comunicarile AR 12  
no.3:295-297 Mr '62.

1. Comunicare prezentata de G. Mihoc, membru corespondent  
al Academiei R.P.R.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520010-5

ONICESCU, C.; SIRFOM, G.; THODORESCU, I.

On the Weierstrass approximation theorem. Doklady BAN 17 no. 2:  
789-792 '64.

1. Submitted May 7, 1964.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520010-5"

SIMBOAN, G.; THEODORESCU, R.

Generalized random processes. Comunicarile AR 12 no.8:881-886  
Ag '62.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al  
Academiei R.P.R.

THEODORESU, RADU

*Theodorescu, Radu*

sition probabilities uniquely. There is a similar system corresponding to derivation with respect to  $s_i$ . Under stronger regularity hypotheses the results remain valid for countable state spaces. [Note by reviewer. The probability background of the author's definition is not discussed. If each vector  $s, t, u$  above has all components the same, the relations become precisely those satisfied by the transition probabilities of an ordinary Markov chain. Thus it is not clear how general the author's case really is, nor what is its relation to the case  $p=1$ .]

J. L. Doob (Urbana, Ill.).

Theodorescu, Radu. Processus stochastiques de multipliante  $p$ . Acad. R. P. Romine. Bul. Sti. Sect. Sti. Mat. Raz. 7 (1955), 775-794. (Romanian. Russian and French summaries)

The author discusses chains of multiplicity  $p$  with a continuous parameter and a continuous state space, extending the results of another paper [see the preceding review] which treated countable state spaces. He obtains generalizations of the usual partial differential equations for the transition probabilities of Markov processes. The reviewer was unable to understand the only completely worked out example, apparently a kind of generalized Brownian motion, in which the stochastic process random variables at closely spaced time points are not nearly equal.

J. L. Doob (Urbana, Ill.).

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520010-5

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Transcript

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111

Libcargham, N.Y. 10521, U.S.A. - 1960

representing the "new" and "old" in  
the "new" and "old" in

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where  $x_1$  and  $y_1$  are street numbers  
and  $x_2$  and  $y_2$  are street numbers

111  
111

THEODORESCU, R.

An ergodic theorem for continuous stochastic processes of multiplicity. p. 23.  
(ANALELE. SERIA STIINTELOR NATURII. Rumania. Vol. 5, no. 10, 1956)

SO: Monthly List of East European Accessions (EXAL) LC, Vol. 6, no. 7, July 1957. Uncl.

THEODORESCU, R.

About an equation found in the theory of stochastic processes. p. 39.  
(ANALELE. SERIA STIINTELOR NATURII. Rumania. Vol. 5, no. 11, 1956)

SO: Monthly List of East European Accessions (EEAL) Lc, Vol. 6, no. 7, July 1957. Uncl.

THEODORESCU, RADU

Theodorescu, Radu. Stochastische kontinuierliche Prozesse mit vollkommenen Verbindungen. Math. Nachr. 16 (1957), 79-84.

O. Onicescu found a differential equation for probabilities to hold for chains of complete connection [Rev. Univ. "C. I. Parhon". Politehn. Bucuresti. Ser. Ști. Nat. 3 (1954), no. 4-5, 73-85; MR 17, 980] under the assumption of a finite state space. Without this assumption, the author proves the existence and uniqueness of a solution of a corresponding equation by the method of successive approximations. This is said to extend a result in the quoted paper. Since this paper was not accessible to the reviewer, the exact relationship of both results is unknown to him. H. M. Schaefer (Madison, Wis.).

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16  
Stochastic Continuous Processes With Complete Connection

8m

THEODORESCU, R.

On an abstract integral in probability. In English. p. 277.

REVUE DE MATHÉMATIQUES PURES ET APPLIQUÉES. JOURNAL OF PURE AND APPLIED  
MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania.  
Vol. 3, no. 2, 1958.

Monthly List of East European Accessions (EEAL) LC Vol. 9, no. 1, January 1960.  
UNCL

THEODORESCU, R.(Bucuresti)

On the chains with complete connections. Studii cerc mat Cluj 11  
no.1:195-215 '60. (EEAI 10:9)

(Probabilities) (Continuity)  
(Mathematical statistics)

THEODORESCU R.  
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: --

Affiliation: --

Source: Bucharest, Comunicarile Academiei Republicii Populare Romane,  
No 4, 1961, pp 391-392.  
Data:

"On the Moments of a Chain with Complete Connections  
of Type (B)."

16.6800

S/044/62/000/002/063/092  
C111/C222

AUTHORS: Iosifescu, M., Theodorescu, R., Todor, L.

TITLE: The Onicescu method for the reduction of systems of linear equations

PERIODICAL: Referativnyj zhurnal, Matematika, no. 2, 1962, 42, abstract 2V221. ("Comun. Acad. RPR", 1961, 11, no. 5, 513-518

TEXT: A method for solving systems of linear equations is outlined which reduces the number of unknowns with the help of a linear auxiliary form. The method is applicable in certain cases and makes it possible to simplify the solution of problems of linear programming.

[Abstracter's note: Complete translation.]

✓B

Card 1/1

IOSIFESCU, M.; THEODORESCU, R.

Some models for learning. I. Comunicare AR 11 no.6:627-630 Je '61.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Academiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

On the entropy of chains with complete connections. Comunicarile AR 11  
no.7:821-824 '61.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Aca-  
demiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

On some models for learning. II. Comunicarile AR 11 no.7:825-827 '61.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Academiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

On some models for learning. III. Comunicarile AR 11 no.8:915-919  
'61.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Aca-  
demiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

On some models for learning. IV. Comunicarile AR 11 no.10:1151-1153  
C '61.

1. Comunicare prezentata de Gh. Mihoc, membru corespondent al Academiei  
R.P.R.

SIMBOAN, G.; THEODORESCU, R.

Aleatory uniform structures. Comunicarile AR 11 no.11:1311-1313 N '61.

1. Comunicare prezentata de academician Miron Nicolescu.

SAMBOAN, G.; THEODORESCU, R.

Measure algebras. Comunicarile AR 11 no.12:1439-1441 D '61.

1. Comunicare prezentata de G. Mihoc, membru corespondent  
al Academiei R.P.R.

IOSIFESCU, M.; THEODORESCU, R.

Chains with complete connections. I. Comunicarile AR 11 no.12:1451-1453  
1. Comunicare prezentata de G. Mihoc, membru corespondent al Academiei  
R.P.R. 1961

IOSIFESCU, M.; THEODORESCU, R.

"Games of strategy applied in linear programming" by Octav Onicescu.  
Reviewed by M. Iosifescu and R. Theodorescu. Gaz mat Fiz 14 no.2:109 F'62

THEITLER, A

TECHNOLOGY

PERIODICAL: REVISTA CAILOR FERATE, Vol. 6, no. 10 Oct. 1958

THEITLER, A. Railroad transportation at the Brussels Expiditon. p. 557

Monthly List of Fast European Accessions (EEAI) LC Vol. 8, no. 4  
April 1959, Unclass

THEMELI, P.

THEMELI, P. Funds that should not be used currently at the agricultural cooperative in Korce. p.6.

Vol. 10, No. 5, May 1956, PER BUJQESINE SOCIALISTE, Tirane, Albania.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10.  
Oct. 1956.

THELIUS, E.; PETROVIC, Z.

Fossils of *Indricotheris* (*baluchitheris*) in the Evnayevi (Barane) Basin  
in Montenegro. p. 61.

Srpska akademija nauka. Odjeljenje prirodno-matematičkih nauka. J.M.S.  
Beograd, Yugoslavia. Vol. 231, 1950.

Monthly List of East European Accessions (EEL) LC, Vol. 1, no. 1, May 1950.

Incl.

ILIESCU, C., Prof.; THEODOREANU, Th., dr.

Chronic exudative pericarditis with fibro-constrictive  
epicarditis. Med.int., Bucur. 8 no.5:749-753 Sept 56.

(**PERICARDITIS**, case reports  
chronic exudative, with constrictive epicarditis)

THEODORESCO, B.; POPESCO, P.; IOAN, Al.

Some observations on pericardial and pleuropericardial clicks.  
Cor Vasa 4 no.1:53-60 '62.

1. Institut de Medecine et de Pharmacie, Clinique Medicale Coltea,  
Bucarest.  
(PHONOCARDIOGRAPHY) (PERICARDITIS diag)  
(AUSCULTATION)

THEODORESCU, B.; POPESCU, Pompiliu; SEROPIAN, E.; GHERASIM, L.; BARBULESCU, Gh.

Considerations on a case of Takayashu syndrome with unilateral  
absence of the pulse. Probl. card., Bucur. 4:35-44 '59.  
(AORTA, diseases)  
(ARTERITIS, case reports)

IDU,S.M.; STAN,Maria; MUNTEANU,Maria; POPESCU,P.; GHERASIM,L.; THEODORESCU,B.

The Kunkel test (KL 12) in hyperlipemia. Probl. card.,Bucur. 4;

81-87 '59.

(LIPIDS, blood)

(CHOLESTEROL, blood)

(PHENOIS)

THEODORESCU, B.; MIHAIL, A.; CUNESCU, V.; BOSSY, D.

Various aspects of pericarditis in myocardial infarct. . Probl.  
card., Bucur. 4:107-110 '59.  
(MYOCARDIAL INFARCT, complications)  
(PERICARDITIS, etiology)

THEODORESCU, B. Prof.; POPESCU, P., dr.; NEGRUS, I., dr.

On a case of Welff-Parkinson-White syndrome in a newborn infant.  
Med. intern., Bucur. 11 no.5:745-750 '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "Coltea",  
Bucuresti.

(HEART BLOCK in inf. & childh.)  
(INFANT NEWBORN diseases)

PAUNESCU,C.,Conf.; ANTON,M.,dr.; CIPLA,A.L,dr.; VREJOIU,Gh.,dr.;  
THEODORESCU,B.,prof.

Anatomoclinical observations on a case of myocardial infarct  
with unusual evolution. Med. intern.,Bucur. 11 no.5:763-769 '60.  
(MYOCARDIAL INFARCT, case reports)  
(TACHYCARDIA PAROXYSMAL, etiology)  
(ELECTROCARDIOGRAPHY)

CUNESCU, V., dr.; IOAN, A., dr.; POPA, F., dr.; HOZOC, D., dr.;  
THEODORESCU, B., prof.

Hemodynamic changes produced by Valsalva's maneuver in normal persons and in patients with right or total heart insufficiency. Med.intern., Bucur. 11 no.5:727-737 '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "Coltea", si Clinica chirurgicala "Panduri", Bucuresti.  
(HEART FAILURE, CONGESTIVE, physiology)  
(RESPIRATION, physiology)  
(BLOOD CIRCULATION)

THEODORESCU, B., Prof.; CUNESCU, V.

Haemodynamic disorders in arrhythmia due to atrio-ventricular asynchronism.  
Rumanian M. Rev. 2 no.2:26-29 Apr-June 58.

(HEART BLOCK

AV dissociation with arrhythmia & hemodynamic disord.)

(CARDIOVASCULAR DISEASES, physiol.  
hemodynamic disord. in arrhythmia caused by AV dissociation)

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### THE ADDRESS

## RUMANIA/Human and Animal Physiology - Blood Circulation.

R-5

Abs Jour : Referat Zhur - Biol, No 16, 1957, 70696

**Author** : Theodorescu, Cunescu, Dimitriu, Rugendorff.

**Inst** : \_\_\_\_\_  
**Title** : Hemodynamic Changes and Functional Investigations of Circulation in Mitral Stenosis.

Orig Pub : Med. Interna, 1956, 8, No 3, 360-372

**Abstract** : In 70 patients with mitral insufficiency with predominance of stenosis, catheterization of the heart was applied. An evaluation of this method is given for establishment of indication in operations.

Card 1/1

- 1 -

Theodorescu, A.

TECHNOLOGY

Periodical METALURGIA SI CONSTRUCTIA DE MASINI Vol. 10, No. 11, Nov. 1958

Theodorescu, A. Research in the construction of helicoidal cylindrical springs  
of great importance. p. 953.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 53  
May 1959, Unclass.

March

THEODORESCU, B., Prof.; ANTON, Mihail, dr.

Study of two cases of hypertensive adrenal tumor. Med.int.,  
Bucur. 8 no.6:883-891 Oct 56.

(PHEOCHROMOCYTOMA, case reports)

THEODORESCU, B.

CUNESCU, V., Dr.; IDU, S., dr.; TANEA, E., dr.; THEODORESCU, B., Prof.

Electrophoresis in endocarditis lenta. Med. int., Bucur. 7 no.4:  
143-147 Oct-Dec 55.

1. Clinica medicala IPSMF, Spitalul Coltea-Bucuresti.  
(ENDOCARDITIS, SUBACUTE BACTERIAL, blood in  
protein determ., electrophoresis, diag. value)

APPROVED FOR RELEASE: 03/14/2001 P. CIA-RDP86-00513R001755520010-5"  
N.; THEODORESCU, B., prof.

Contributions to the problem of the association of subacute endo-  
carditis with rheumatismal endocarditis. Med. intern., Bucur. 11  
no.12:1833-1840 '59.

(ENDOCARDITIS, SUBACUTE BACTERIAL, complications)  
(RHEUMATIC HEART DISEASE, complications)

THEODORESCU, B., Prof.; CUNESCU, V., dr.; DIMITRIU, D., dr.; VLAD, G., dr.;  
HUGENDORFF, E. W., dr.

Hemodynamic changes and circulatory function tests in mitral stenosis. Med. int., Bucur. 8 no.3:360-372 July 56.

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea"  
si in Clinica Chirurgicala a Spitalului "Panduri."  
(MITRAL STENOSIS, blood in  
hemodynamic changes & circ. funct. tests)

THEODORESCU, N.

Exchange of experience with mathematicians of the German Democratic Republic. p. 209.

GAZETA MATEMATICA SI FIZICA. SERIA A.

Vol. 8, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS      Vol. 5, no. 10      Oct. 1956

THEODOSIU, T.

LONGHIN, S.; THEODOSIU, T.; ANTOLESCU, S.

Diagnostic & therapeutic value of the glucidolipidic extract from  
yeast cells. Romanian M. Rev. 1 no.4:69-74 Oct-Dec 57.

(*MOMILIA ALBICANS*, extracts  
glucidolipidic extract, diag. & ther. value)

THEOPHRASTUS

Science

(Treatise on plants) (Leningrad) Izd-vo Akademii nauk SSR, 1951

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED

CA

Dissociation constants and their relations to the activity in peroxidases. II. Theophil, and K. G. Paul, *J. Am. Chem. Soc.*, **76**, No. 12, 23 pp. (1944).—Spectrophotometric measurements of the light absorption of horseradish peroxidase between pH 7.6 and 3.3 reveal the presence of two hitherto unknown bin-linked groups with  $pK$  5.0 and 4.0. The former corresponds with  $K_{FeO^-}$  or  $-[Fe(OH)]/[Fe(OH)^-] = 10^{-5}$ , whilst from the dissociation const. of the fluoride compd. This means that the OH group at the Fe atom affects light absorption to some extent. The second bin-linked group coincides with the effect of pH on the activity in the purpuroglobin test. To explain this, it is assumed that the link between Fe and the protein component is broken as a result of the combination of a proton with the Fe-binding group of the protein,  $pK$  for this reaction being 4.0. Peroxidase activity then ceases. The dissoci. const. of the fluoride compd. of lactoperoxidase has been measured at different pH values. The dissoci. const. for OH and F are  $K_{FeO^-} = 10^{-5.0}$  and  $K_{FeF} = 10^{-4.0}$ . Lactoperoxidase has a greater affinity for OH and F than has horseradish peroxidase. OH is so bound to Fe that it can compete with F for a co-ordination position about Fe. The dissoci. const. of methemoglobin fluoride in acid soln. confirms the view that Fe in methemoglobin does not hold any OH group. The data are discussed in relation to theories of peroxidase structure.

II. A

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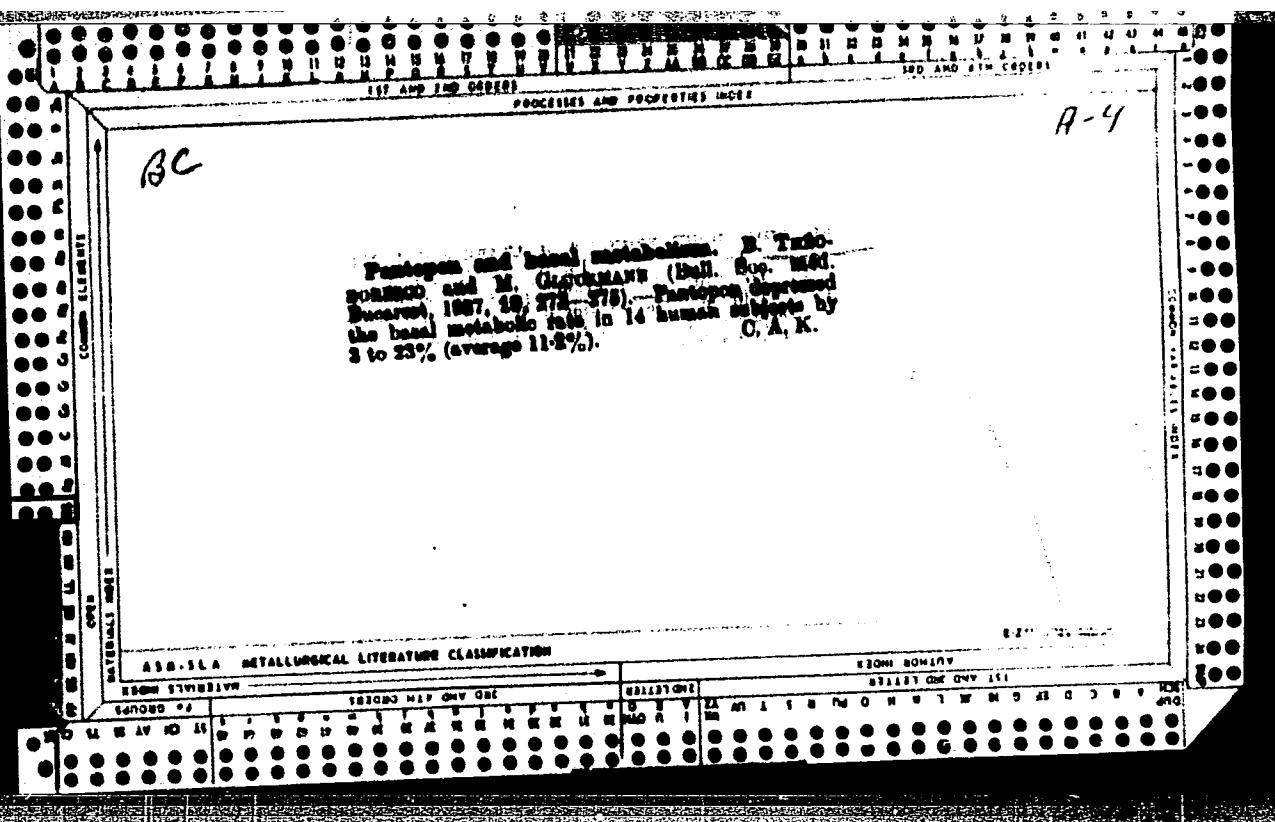
"APPROVED FOR RELEASE: 03/14/2001

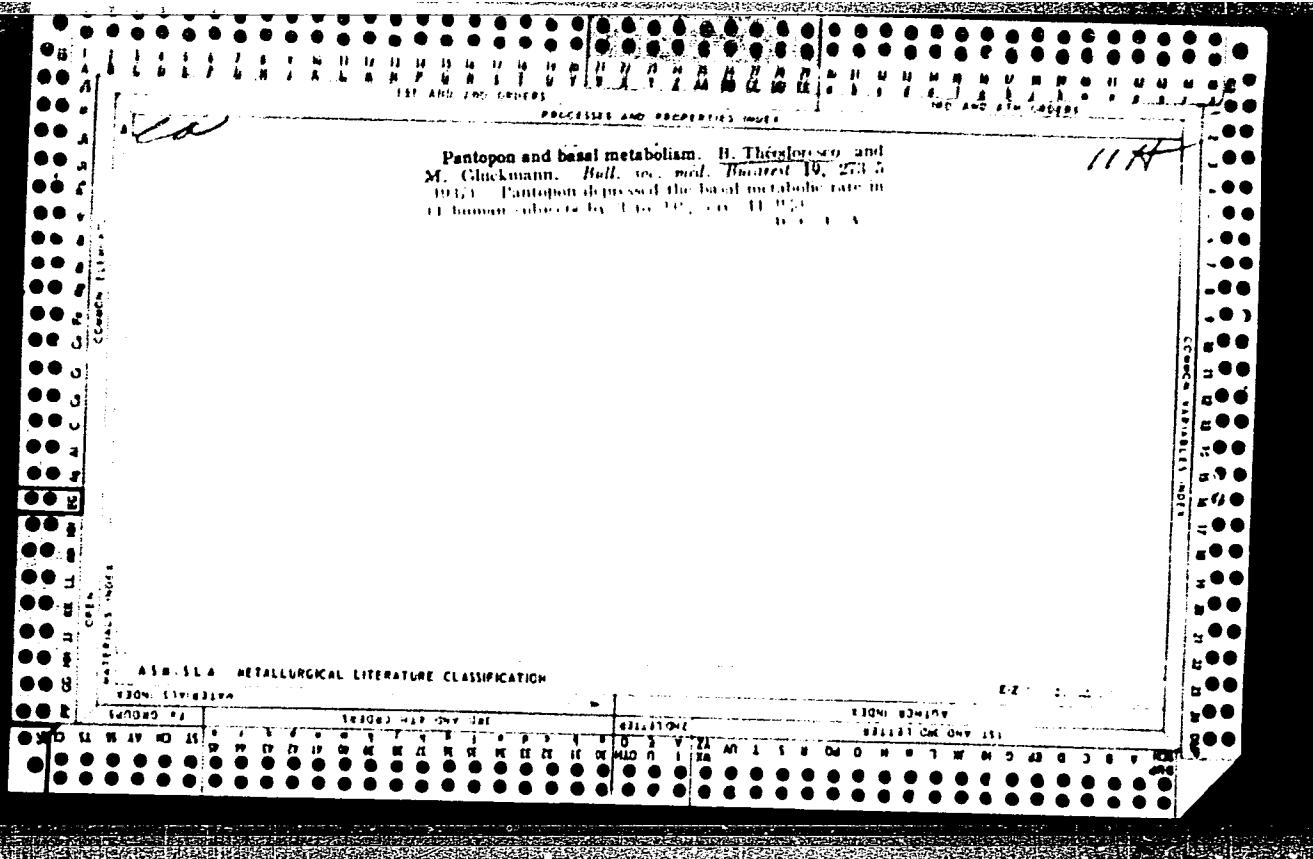
CIA-RDP86-00513R001755520010-5

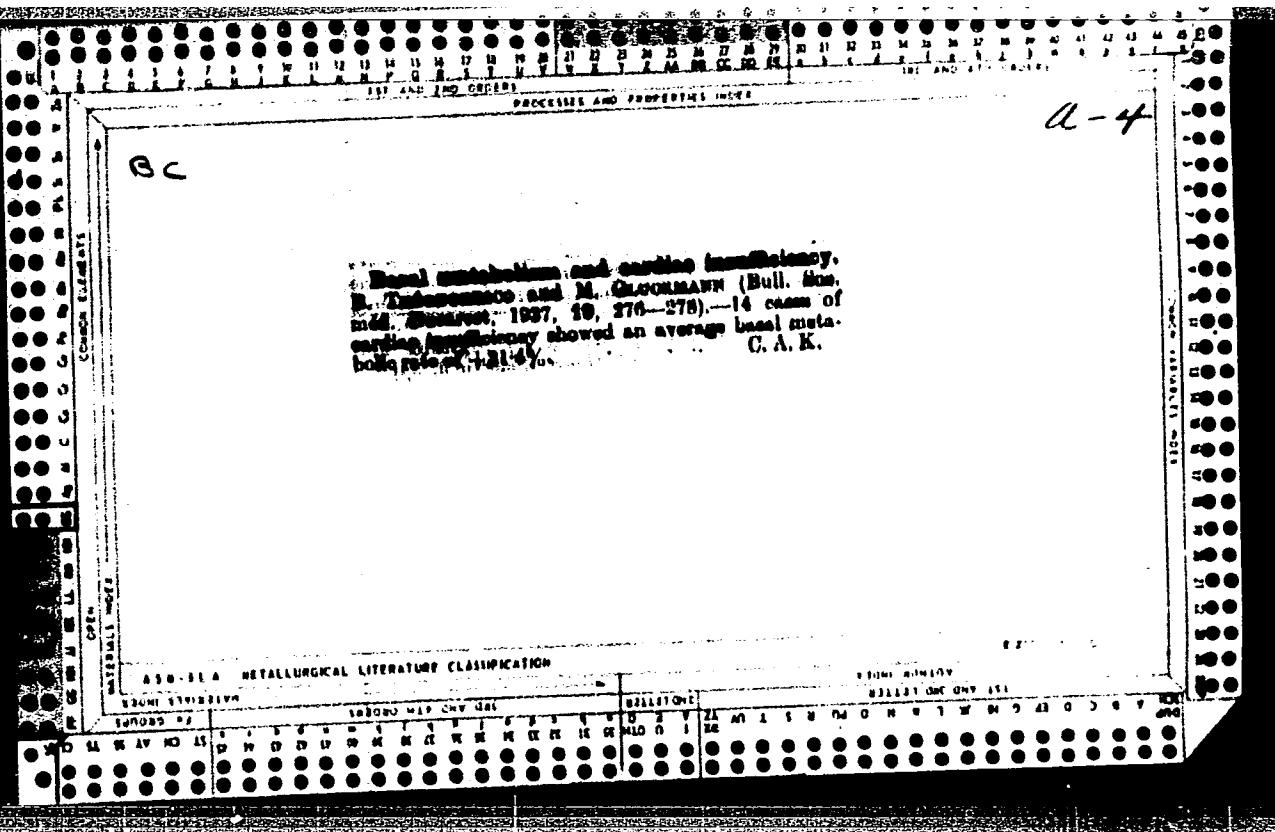
THEODORESCO, B.  
N. NESTORESCO, Bull Acad Sci Roumaine, 1940, 22, 293-298

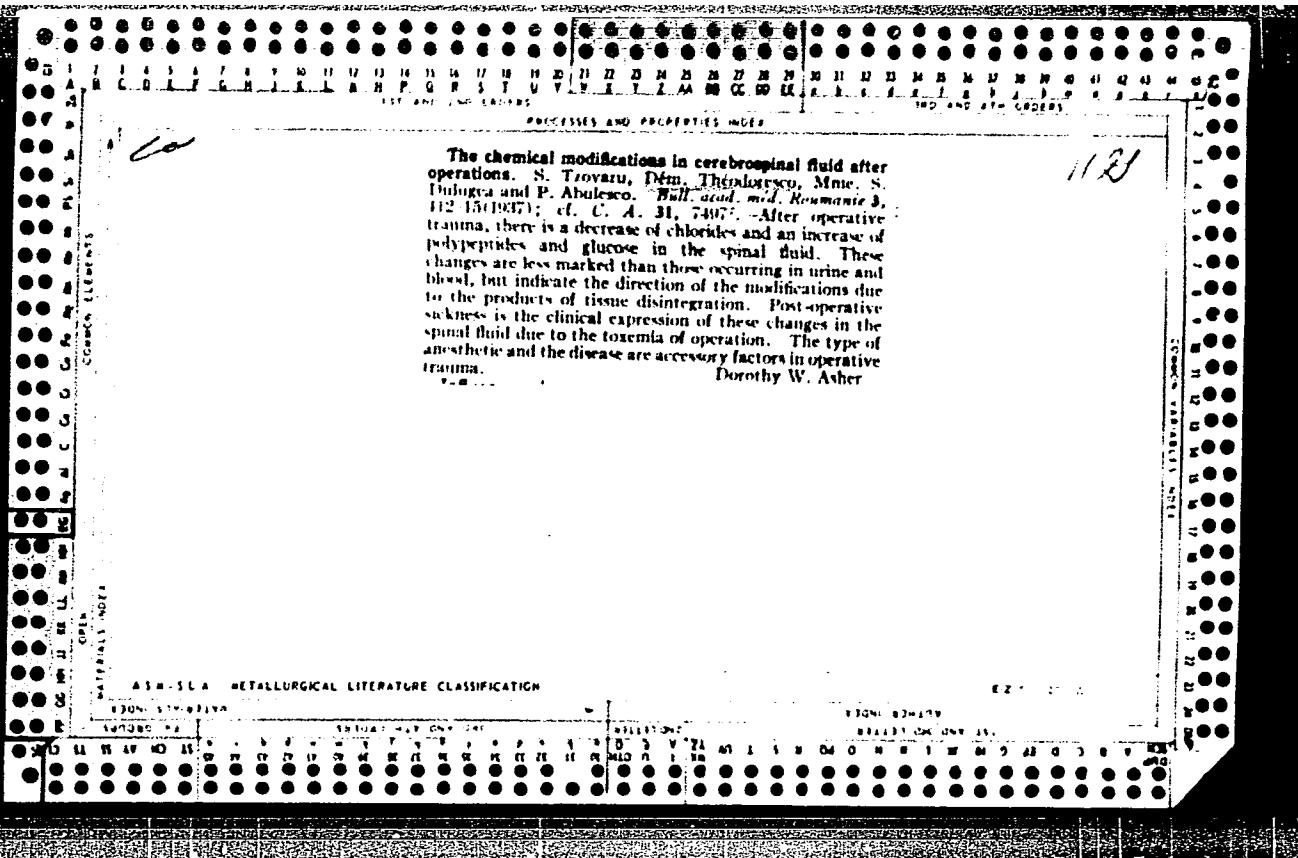
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RUMANIA/Human and Animal Physiology - Blood Circulation.  
General Problems.

T-4

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84150

Author : Theodorescu, B., Cunescu, V.

Inst :

Title : Hemodynamic Disturbances in Arrhythmic Conditions Caused  
by Asynchronisms Between Atrium Cordis and Ventricles.

Orig Pub : Med. interna, 1957, 9, 1317-1326

Abstract : In the presence of ventricular fibrillation and atrial  
flutter, complete ventricular blocks, and paroxysmal tachy-  
cardia of atrium cordis and of ventricles, pressure curves  
of the right atrium cordis and of the right ventricle, ECG  
/ electrocardiogram/, phonocardiograms, and in some cases  
piczograms of the carotid artery were studied. Data which  
were obtained when the heart was catheterized, confirm the  
significance of the duration of atrium cordis diastole and  
systole for determining the systolic and the per minute of  
the heart. -- From the author's  
summary.

Card 1/1

## EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1881. ECG ALTERATIONS IN THE COURSE OF MITRAL COMMISSUROTOMY  
- Les modifications électrocardiographiques au cours de la commissurotomie mitrale - Théodorescu B. and Cunesco V. Bucarest - ARCHI.

MAL. COEUR T957, 50/12 (1074-1091) Illus. 8

Of 130 patients, 121 had a sinus rhythm and 9 an atrial fibrillation. All the patients had discontinued the digitalis treatment 3 days before the operation. Disturbances in the sinus rhythm are nearly always present, but are of a benign nature: tachycardia with shortening of the T-P interval. Sinus arrhythmias are frequent, but insignificant. Atrial extrasystole is frequent at the moment of manipulations on the pericardium and the auricle. It calls for great caution in the operative manipulations on account of the risk of atrial fibrillation. Ventricular extrasystole is more frequent. It creates a fear of fibrillation, especially when it does not yield immediately on surgical manipulations, or when it is preceded by a considerable bradycardia. Atrial fibrillation during or after operation was never observed by the author. Two of the 130 patients presented complex disturbances: periods of upper and lower nodal rhythm, periodical group of 3 extrasystoles. Ventricular fibrillation and heart failure are the gravest accidents. They were observed twice. The heart failure was preceded by a period of bradycardia. Resuscitation of the heart made it possible to cure the 2 patients. Anaesthesia and thoracotomy do not provoke any special disturbance. Opening of the pericardium provokes some isolated extrasystoles and a slight lowering of the S-T segment. Manipulations on the auricle often provoke extrasystolic arrhythmia. Mitral division provoked ventricular extrasystoles in 80% of the cases. Stress is laid on the impossibility of foreseeing the disturbances of the rhythm, on the necessity of a perfect oxygenation during operation and on the tolerance of the mitral heart when the manipulations are carried out gently.

Monod - Paris

THEODORESCU, B., prof.; POPESCU, P.; NEGRUS, Xemiu

On a case of Wolff-Parkinson-White's syndrome in a newborn.  
Rumanian M. Rev. 3 no.3:59-60 Jl-S '59.

1. Chair of Cardiology of the Medicopharmaceutical Institute,  
Bucharest.  
(HEART BLOCK, in inf. & childh.)

THEODORESCU, B., Prof.; POPESCU, P., dr.; IDU, St.M., dr.; STAN, M., chimist; NEGRUS, X., dr.; GHERASIM, L., dr.

Contributions to the humoral study of coronary atherosclerosis.  
Med. intern., Bucur 11 no.5:673-682 '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea",  
Bucuresti.  
(CORONARY DISEASE metabolism.)  
(LIPIDS, blood)  
(CHOLESTEROL, blood)  
(KIDNEY FUNCTION TESTS)

THEODORESCU, B.; CUNESCU, V.

Hemodynamic disorders in arrhythmia caused by auriculoventricular asynchronism. Med. int., Bucur. 9 no.9:1317-1326 Sept 57.

(ARRHYTHMIA, diagnosis

cardiac catheterization with ECG, phonocardiography & piezocardiography)

(CATHETERIZATION, CARDIAC, in various diseases arrhythmia)

(ELECTROCARDIOGRAPHY, in various diseases arrhythmia)

(CARDIAC MURMURS AND SOUNDS, in various diseases arrhythmia, phonocardiography)

BURGHELE, Th.; THEODORESCU, B.; CUNESCU, V.

Notes on intracavitory hemodynamic changes in constrictive pericarditis.  
Med. int., Bucur. 9 no. 9:1342-1349 Sept 57.

(PERICARDITIS, ADHESIVE, manifestations

hemodynamic changes in venae cavae, right heart & pulm. circ.)  
(CATHETERIZATION CARDIAC, in various diseases

right heart, in constrictive pericarditis, hemodynamic changes)  
(BLOOD CIRCULATION

pulm., in constrictive pericarditis)

THEODORESCU, B., prof.; POPESCU, P., dr.; IDU, S.M., dr.; GHERASIM, L., dr.  
COCIUMAN, L.; NEGRUS, X., dr.; STAN, M.

Humoral investigations in coronary atherosclerosis. Med. intern.,  
Bucur 12 no.7:1013-1020 J1 '60.  
(CORONARY DISEASE, blood) (WATER-ELECTROLYTE BALANCE)  
(LIPIDS, blood) (CHOLESTEROL, metabolism)

An Ergodic Theorem for Continuous Stochastic Processes<sup>1/2</sup> of Multiplicity p

Theodorescu, Radu. Un théorème ergodique pour les processus stochastiques continus de multiplicité p. An. Univ. "C. I. Parhon" Bucureşti. Ser. Ști. Nat. 5 (1956), no. 10, 23-24. (Romanian. Russian and French summaries)

2  
I-F1W

Using a generalization which he gives for multiple Markoff processes of an ergodic theorem by R. Rodeanu, the author shows that if there exists a sequence

$$\tau(t^k) [0 < \tau(t^k) < 1, \sum_{k=1}^{\infty} \tau(t^k) = \infty]$$

such that  $P(\delta, \tilde{x}; t^k, A) \geq \tau(t^k)$  or  $P(\delta, \tilde{x}; t^k, B) \geq \tau(t^k)$  for any complementary Borel sets  $A$  and  $B$  and for any vectors  $\tilde{x} \in R^p$ ,  $\delta \in R^p$ , then

$$\lim_{k \rightarrow \infty} [P(\delta, \tilde{x}, t^k, X) - P(\delta, \tilde{x}, t^k, \bar{X})] = 0.$$

O. Onicescu (Bucharest)

Concerning an Equation Found in the Theory of Stochastic Processes 16

Theodorescu, Radu. Sur un équation rencontrée dans la théorie des processus stochastiques. An. Univ. "C. I. Parhon" Bucureşti. Ser. Sti. Nat. 5 (1956), no. 11, 39-40. (Romanian. French and Russian summaries)

The author considers a system to be met in the theory of completely-linked stochastic processes

$$\frac{dP(t, X)}{dt} = \int_{\Omega} P(t, dz) \cdot Q(t, z, X) P(t, Y) \quad (s < t),$$

$$P(s, X) = \delta(x, X),$$

where  $Q(t, z, X|P(t, Y))$  is continuous with respect to  $t$ , integrable with respect to  $z$ , completely additive with respect to  $X$  ( $X$  is here supposed to be an event of the measurable space  $(E, K)$ ) and a functional with respect to  $P(t, Y)$ . It is shown that there exists an unique solution, represented by a conditional probability  $P(s, x; t, X)$ , if a certain boundedness condition is assumed.

O. Onicescu (Bucharest)

1-F\W

THEODOROF, P.,  
I. MOTSCHAN, ACTA PHYSICA 4.5.pp. 757-766, 1936

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THEODOROV, P.  
I. MOCHAN, ACTA PHISCHIM, 4, 757-66(1936)

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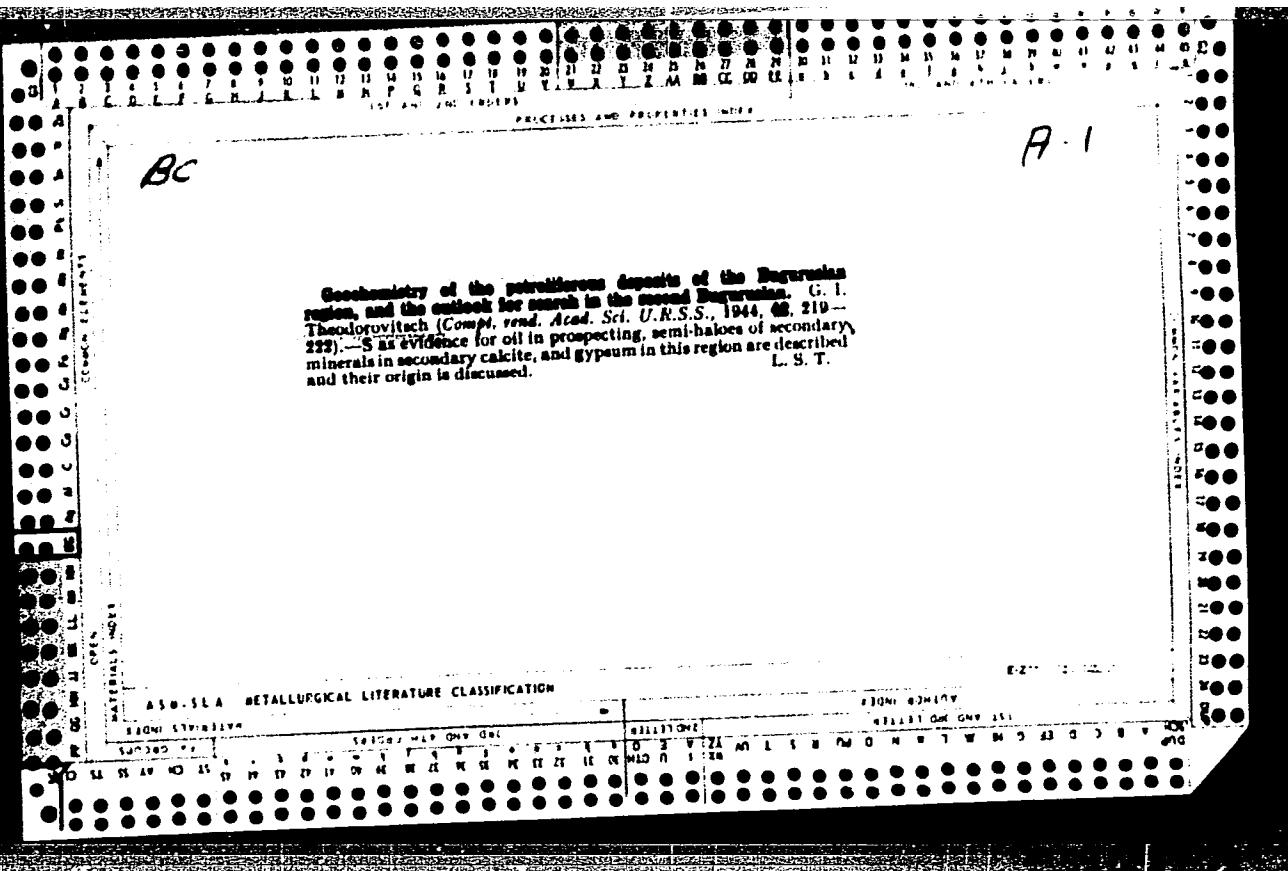
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CIA-RDP86-00513R001755520010-5

THEODOROV, P.  
I. MOTSCHAN, ACTA PHISCHIM, 1936, 4, 757-766

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520010-5"



AL-11. Geochemistry

Bv. lib.

Sulfur in the Bugurusals (Russia) oil region. G. I. Il'ynskaya-vitsch. (Compt. rend. Acad. Sci. U.R.S.S., 1943, 58, 118-120).—The Bugurusals oilfield is covered in the west by anhydrite (20-30 m.), which splits towards the east into two seams separated by halite. No free S occurs in or above the oilfield itself, but, except on the eastern side, free S occurs around the edges of the field in the zone of oil-H<sub>2</sub>O contact. Formation of S probably proceeds by SO<sub>4</sub><sup>2-</sup> → H<sub>2</sub>S (bacterial?), followed by oxidation of H<sub>2</sub>S by O<sub>2</sub> dissolved in mobile stratum H<sub>2</sub>O, which originates to the N.N.W. of the oilfield. In the eastern boundary the stratum H<sub>2</sub>O is not mobile and thus does not carry O<sub>2</sub>; H<sub>2</sub>S formed from SO<sub>4</sub><sup>2-</sup> appears in this region as FeS<sub>2</sub>. It is concluded that inclusions of free S under anhydrite are evidence of the near presence of oil-bearing strata. M. H. M. A.

THIEME, Heinz, (Allee nach Sanssouci, Potsdam, Deutsche Demokratische Republik)

The infestation of the liver of the ruff (*Acerina cermis*) by  
Hepatospina acerinae depending on age and sex. Wiad parazyt 7  
no.4/6:856-861 '61.

1. Zoologisches Institut der Paedagogischen Hochschule, Potsdam.

THIENEMAN, A.

YUGOSLAVIA/General Biology, Genetics.

B-5

Abs Jour: Referat Zh.-Biol., No 9, 1957, 35230

Author : Thieneman, A.

Inst :

Title : The Essence and Significance of Limnology.

Orig Pub: Glasnik biol. sek. Hrvatsko prirodosl. drustvo. 1950-1952 (1953),  
ser. 11B, 4-6, 5-14

Abstract: No abstract.

Card : 1/1

-14-

THEODORESCU, B., prof.; POPESCU, P., dr.; MIKHAIL, A., dr.; GHERASIM, L.,  
dr.; IOAN, Alex., dr.; NICULESCU, D.A., dr.

Clinical and etiological aspects in benign acute pericarditis. Med.  
inter., Bucur 13 no.3:367-377 Mr '61.  
(PERICARDITIS)

THEODORIDIS, Theodor, prof. (Bucuresti)

Calculation of the  $l_{15}$  side of a convex regular pentadecagon.  
Gas mat B 14 no. 10:604-607 0'63.

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